

APPLICANT(S): KOHEN, Ran
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AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled:

Claims 1-3: (Cancelled)

Claim 4: (Previously presented) A combination of a fixable socket and a plug revolvable therein for conducting electric power and for mechanically supporting in a desired orientation an appliance receiving said power, said combination comprising:

a) a socket rigidly attachable to a wall or ceiling, said socket comprising a non-conductive body including at least two spaced-apart hollow arcuate conducting receptacles insulated from each other and having a common center of curvature and being connectable to an electric power supply, said socket rigidly supporting a first structural element of a mechanical connection located at said radius of curvature;

b) a plug also comprising a non-conductive body, rigidly attachable to, and configured to mechanically support an appliance from a first face, said plug supporting from a second face at least two projecting conducting prong elements insulated from each other and engagable with said at least two arcuate receptacles respectively and connectable to conductors for feeding electric power to said appliance, said plug also including a second structural element engagable to said first structural element of said mechanical connection and allowing said plug to revolve at least part of a revolution about said center of curvature; and

c) releasable latching means attached to said combination, providing when engaged a retention force between said socket and said plug to prevent disengagement and to support said appliance;

said first structural element of a mechanical connection comprising an aperture and said second structural element of a mechanical connection comprising a post-like male member engagable with said aperture; and

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wherein said first and second structural elements of said mechanical connection are conductive and are arranged to be wired for use as an earth connection.

Claims 5-10: (Cancelled)

Claim 11: (Currently amended) A connection apparatus, comprising:

a fixable socket having two or more spaced apart hollow concentric receptacles, said receptacles being insulated from each other and having respective recesses including conductive inserts, said conductive inserts being connectable to an electric power supply;
and

a plug adapted to revolve in said socket, said plug having two or more conductive prong rings positioned to be engagable with said concentric receptacles, said prong rings adapted to conduct electric current to an appliance associated with said plug.

a releasable latching mechanism providing a retention force between said socket and said plug, to prevent unwanted disengagement of said plug from said socket. The apparatus of claim 8, wherein said latching mechanism includes a captive ball detent.

Claims 12-21: (Cancelled)

Claim 22: (New) The combination of claim 4, wherein said latching means include a captive ball detent.

Claim 23: (New) The apparatus of claim 11, comprising a first structural element of a mechanical connection, supported rigidly by said socket, and a second structural element of said mechanical connection, said second structural element being engageable to said first structural element and being adapted to revolve around said fixable socket.

Claim 24: (New) The apparatus of claim 23, wherein said first structural element and said second structural element of said mechanical connection are conductive of electric current, and are used as an earth connection.